

D/4

PN - JP2196844 A 19900803
TI - NEW PLASTICIZED POLYMER COMPOSITION
FI - C08K5/00+KGP ; C08L27/04+LFT ; C08K5/00 ; C08L27/06
PA - SANKEN KAKO KK
IN - TATEGAMI YOSHIHARU; YASUDA KIMIO; ETO MITSUAKI
AP - JP19890016827 19890125
PR - JP19890016827 19890125
DT - I

Xp 00226/133

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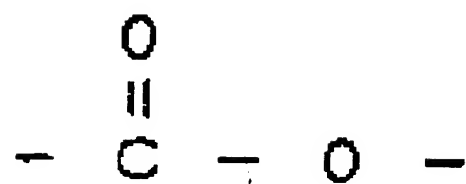
AN - 1990-279317 [25]
TI - Heat resistant moulding resin compsn. - based on PVC resin plasticised with e.g. mono:octyl ester of di:phenyl carboxylic acid
AB - J02196844 A resin compsn. of chlorine-contg. vinyl series plasticised with a cpd. formula R-X-Mes-Y (A) or R-X-Mes-COO-Z (B) is new. In (A) R = 1-22C straight or branched alkyl. X = -O-, -COO-, -OOC- or -CO-. Mes = a gp. forming anisotropic molten phase e.g. phenyl, biphenyl, azobenzene, benzylidene aniline, phenyl benzoate, stilbene, tolan, benzylidene, acetophenone or benzylidene azine. Y = -OH, -COOH or 1-22C alkyl. The sum of carbon number of alkyl gps. of R and Y = more than 8. In (B) Z = alkanoyl phenyl. The sum of carbon number of Z = more than 8.
- ADVANTA - 1 has OO MOULDABILITY, high heat resistance and mechanical strength at high temp.
- (Dwg.0/0)
IW - HEAT RESISTANCE MOULD RESIN COMPOSITION BASED PVC RESIN PLASTICISED MONO OCTYL ESTER DI PHENYL CARBOXYLIC ACID
PN - JP2196844 A 19900803 DW199037 000pp
IC - C08K5/00 ; C08L27/04
MC - A08-P01 E10-A16 E10-A19 E10-A20 E10-C04B E10-C04C E10-E02F E10-F02A2 E10-G02F
DC - A14 E19
PA - (SANK) SANKEN KAKO KK
AP - JP19890016827 19890125
PR - JP19890016827 19890125

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TI - NEW PLASTICIZED POLYMER COMPOSITION
AB - PURPOSE:To obtain the subject composition, containing a specific compound with performance of plasticizing and forming an isotropic molten phase, having excellent processability and heat resistance and capable of especially holding excellent mechanical properties even at high temperatures.
- CONSTITUTION:The objective composition containing preferably 5-60 pts.wt. of (B) a compound expressed by the formula R-X-Mes-Y (R is 1-22C alkyl; X is -O-, formula I, II or III; Mes is at least one of phenyl, biphenyl, azobenzene, benzylideneaniline, phenyl benzoate, benzoylaniline, azoxybenzene, stilbene, tolan, benzylideneacetophenone and benzylideneazine capable of forming an anisotropic molten phase; Y is -OH, formula IV or 1-22C alkyl; the total number of carbon atoms in the alkyl groups of R and Y is ≥ 8) or (C) a compound expressed by formula V (Z is alkanoylphenyl and the

total number of carbon atoms in the alkyl group of Z is ≥ 8) in 100
pts.wt. of (A) a polymer.

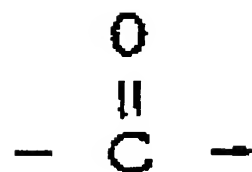
I - C08L27/04 ; C08K5/00
PA - SANKEN KAKO KK
IN - TATEGAMI YOSHIHARU; others: 02
ABD - 19901017
ABV - 014475
GR - C0770
AP - JP19890016827 19890125



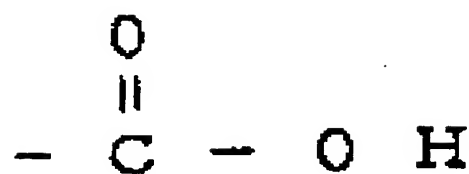
I



II



III



IV



V